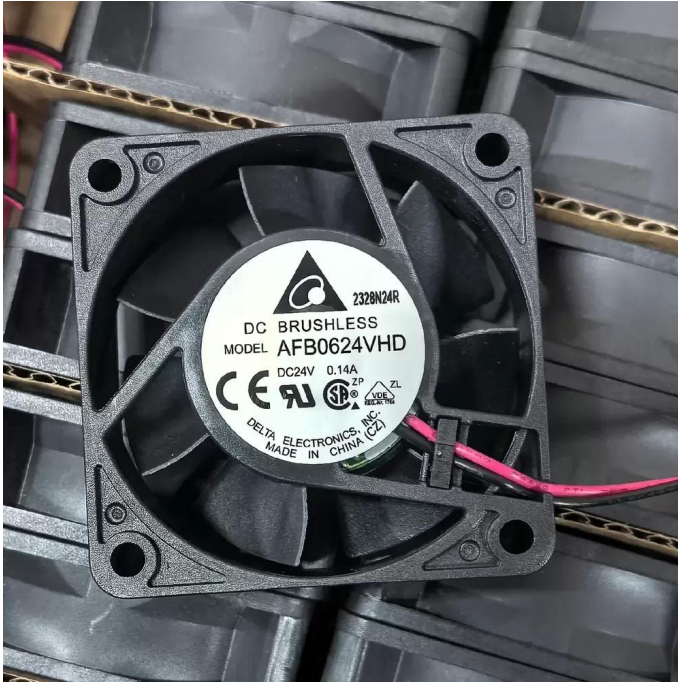


AFB0624VHD Delta 24VDC 60x60x20mm Inverter Axial Fan Datasheet



Brand: Delta

SKU: [878002281154](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/afb0624vhd-delta-24vdc-60x60x20mm-inverter-axial-fan>

Product Description

The Delta AFB0624VHD is a precision-engineered DC Axial Fan designed for critical thermal management in industrial electronics and power conversion systems. Utilizing an advanced DC brushless motor architecture paired with a robust Dual Ball Bearing system, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining a compact 60x60x20mm footprint, significantly reducing thermal impedance in high-density enclosures. Constructed with high-grade thermoplastic PBT (UL94V-0), the frame offers superior structural rigidity and vibration resistance, making it an ideal solution for demanding inverter and chassis cooling applications requiring reliable heat dissipation.

Model Number: AFB0624VHD

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.14 A

Input Power: 3.36 W

Rated Speed: 4800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 27.55 CFM (46.8 m³/h / 0.78 m³/min)

Max. Static Pressure: 6.85 mmH₂O (67.1 Pa / 0.27 inH₂O)

Dimensions: 60 x 60 x 20 mm

Weight: 56 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 38.0 dB-A

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Termination: 2-Wire Leads

Ingress Protection: IP50 (Standard)

Safety Certifications: UL, cUL, TUV, CE

The AFB0624VHD is specifically engineered for integration into variable frequency drives (VFDs) and industrial inverters where consistent airflow is paramount for component longevity. Its compact form factor allows for seamless installation in server racks, telecommunications equipment, and automated CNC machinery control panels. By maintaining optimal operating temperatures, the AFB0624VHD prevents thermal throttling in power electronics and medical instrumentation, ensuring system stability in 24/7 operational environments.

Supplemental Images

